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Group Art Unit: 3743

Amendments to the Claims

Please amend the claims as shown below in the complete listing of claims.

Claim 1. (Original) A filter canister assembly for a gas mask comprising:
a primary filter canister with an inlet opening at a first end and an outlet at a second end;
a first filter medium adapted to remove aerosols, particulate materials and droplets from
air and mounted in the primary filter canister in communication with the primary filter canister
inlet opening;

a second filter medium adapted to remove toxic gases and arranged in serial
communication with the first filter medium in the primary filter canister and with the outlet
opening in the first filter housing, whereby the first and second filter media are capable of
filtering out contaminants in normal hostile environments; and

a supplementary filter canister having an inlet opening at a first end and an outlet opening
at a second end, the supplementary filter canister second end is removably mounted to the
primary filter canister first end so that the primary filter canister inlet opening is in
communication with the supplementary filter canister outlet opening; and

a third filter media adapted to filter toxic industrial materials and mounted in said
supplementary filter canister in communication with the inlet and outlet openings in the second
filter canister.

Claim 2. (Original) A filter canister assembly for a gas mask according to claim 1
wherein the first and second filter media are mounted in axially stacked relationship and further
comprising a barrier between the first and second filter medium to force air entering the canister
through the inlet opening from a central portion of the first filter medium in a radial direction
through the first filter medium to an outer portion thereof, then axially to an outer portion of the
second filter medium, then radially through the second filter medium to a central portion of the
second filter medium to the outlet opening of the housing.

Claim 3. (Currently Amended) A filter canister assembly for a gas mask according

to claim 2 wherein the third filter medium comprises a particulate filter and ~~a sorbent an~~
adsorbent filter.

Claim 4. (Original) A filter canister assembly for a gas mask according to claim 3
wherein the first filter medium comprises a pleated paper.

Claim 5. (Original) A filter canister assembly for a gas mask according to claim 4
wherein the second filter medium comprises an adsorbent carbon filter medium.

Claim 6. (Original) A filter canister assembly for a gas mask according to claim 5
wherein the second filter medium further includes metallic salts that interact with contaminant
gases.

Claim 7. (Original) A filter canister assembly for a gas mask according to claim 1
wherein the third filter medium is a particulate filter and ~~a sorbent an~~adsorbent filter.

Claim 8. (Original) A filter canister assembly for a gas mask according to claim 1
wherein the first filter medium comprises a pleated paper.

Claim 9. (Original) A filter canister assembly for a gas mask according to claim 1
wherein the second filter medium comprises an adsorbent carbon filter medium.

Claim 10. (Original) A filter canister assembly for a gas mask according to claim 9
wherein the second filter medium further includes metallic salts that interact with contaminant
gases.

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Claim 11. (Original) A filter canister assembly for a gas mask according to claim 1 wherein the composition and amount of the third filter medium is adapted to boost the capability of the first and second filter media to filter TIMs from contaminated air.

Claim 12. (Previously presented) A filter canister assembly for a gas mask according to claim 1 wherein at least one of the primary and supplementary filter canisters has an elliptical shape.

Claim 13. (Previously presented) A filter canister assembly for a gas mask according to claim 12 wherein both of the primary and supplementary filter canisters have an elliptical shape.